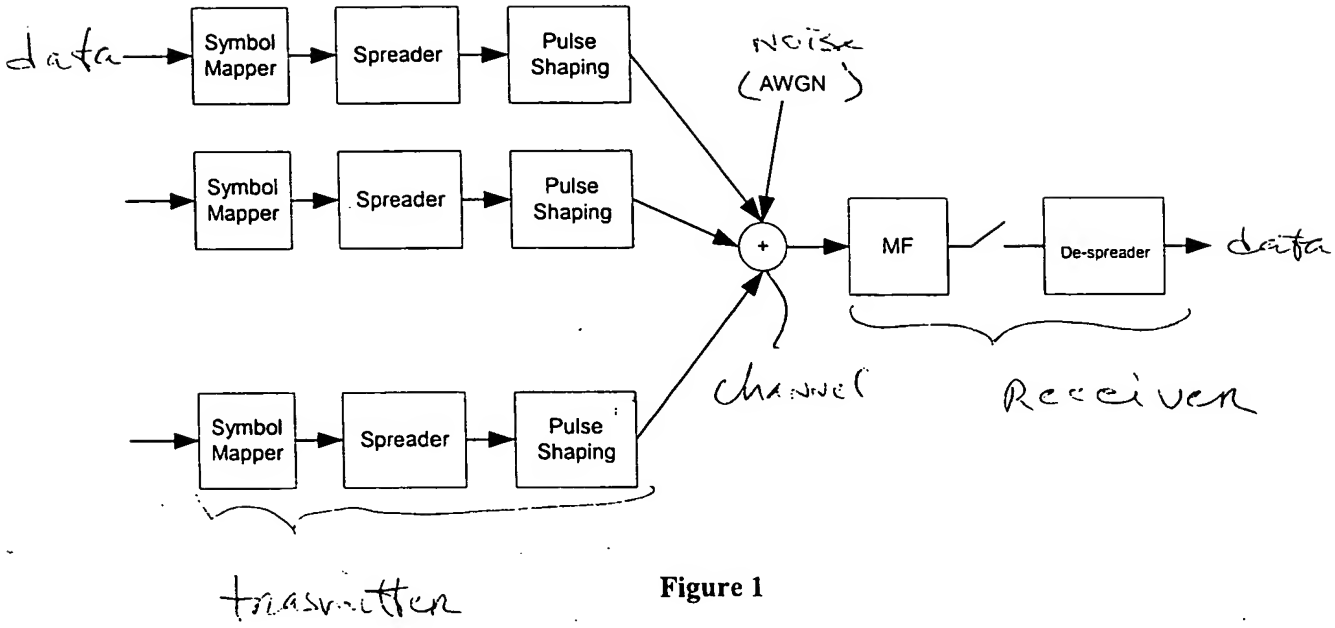
data
Symbol Mapper
Spreader
Pulse Shaping
Symbol Mapper
Spreader
Pulse Shaping
Symbol Mapper
Spreader
Pulse Shaping
noise
(AWGN)
+
MF
De-spreader
data
channel
Receiver
transmitter

Figure 1